

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
<b>CONVEYING PARTY DATA</b>													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Kenji Seki</td> <td>02/08/2010</td> </tr> <tr> <td>Masataka Masuda</td> <td>02/08/2010</td> </tr> <tr> <td>Hirofumi Ohtsuka</td> <td>02/08/2010</td> </tr> <tr> <td>Etsuo Shito</td> <td>02/08/2010</td> </tr> <tr> <td>Katsuhiko Hirao</td> <td>02/08/2010</td> </tr> </tbody> </table>		Name	Execution Date	Kenji Seki	02/08/2010	Masataka Masuda	02/08/2010	Hirofumi Ohtsuka	02/08/2010	Etsuo Shito	02/08/2010	Katsuhiko Hirao	02/08/2010
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Katsuhiko Hirao	02/08/2010												
<b>RECEIVING PARTY DATA</b>													
Name:	Osaka Gas Co., Ltd.												
Street Address:	1-2, Hiranomachi 4-chome, Chuo-ku, Osaka												
City:	Osaka-shi												
State/Country:	JAPAN												
Postal Code:	5410046												
<b>PROPERTY NUMBERS Total: 1</b>													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12670058</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12670058								
Property Type	Number												
Application Number:	12670058												
<b>CORRESPONDENCE DATA</b>													
Fax Number:	(412)945-5933												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	412-471-8815												
Email:	assignments@webblaw.com												
Correspondent Name:	THE WEBB LAW FIRM, P.C.												
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Address Line 2:	436 SEVENTH AVENUE												
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ATTORNEY DOCKET NUMBER:	388-100095												
NAME OF SUBMITTER:	Paul M. Reznick												

OP \$40.00 12670058

**501103037**

**PATENT  
 REEL: 023992 FRAME: 0620**

Total Attachments: 3

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## RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**

Kenji SEKI  
Masataka MASUDA  
Hirofumi OHTSUKA  
Etsuo SHITO

Katsuhiko HIRAO

Additional name(s) of conveying party(ies) attached?  Yes  No

**2. Name and address of receiving party(ies)**

Name: OSAKA GAS CO., LTD.

Internal Address: \_\_\_\_\_

Street Address: 1-2, Hiranomachi 4-chome

Chuo-ku, Osaka-shi, Osaka

City: \_\_\_\_\_

State: \_\_\_\_\_

Country: JAPAN

Zip: 5410046

Additional name(s) & address(es) attached?  Yes  No

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) February 8, 2010

- Assignment  Merger  
 Security Agreement  Change of Name  
 Joint Research Agreement  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other \_\_\_\_\_

**4. Application or patent number(s):**

This document is being filed together with a new application.

A. Patent Application No.(s)  
12/670,058

B. Patent No.(s)

Additional numbers attached?  Yes  No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: Russell D. Orkin

Internal Address: The Webb Law Firm

Street Address: 436 Seventh Avenue  
700 Koppers Building

City: Pittsburgh

State: PA Zip: 15219

Phone Number: 412-471-8815

Fax Number: 412-945-5933

Email Address: assignments@webblaw.com

**6. Total number of applications and patents involved: 1****7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**

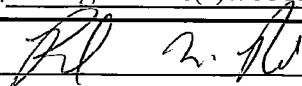
- Authorized to be charged by credit card  
 Authorized to be charged to deposit account  
 Enclosed  
 None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers 4775  
Expiration Date 05/2012

b. Deposit Account Number 23-0650

Authorized User Name \_\_\_\_\_

**9. Signature:**

Signature

February 24, 2010  
Date

Paul M. Resznick, Registration No. 33,059  
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

3

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

Worldwide Rights — Sole or Joint

Attorney Docket No.:

## Assignment

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto OSAKA GAS CO., LTD. with offices at 1-2, Hiranomachi 4-chome, Chuo-ku, Osaka-shi, Osaka 5410046, Japan (hereinafter ASSIGNEE), effective on the date indicated next to my name, all right, title and interest in and to his invention relating to

***COMBUSTIBLE GAS PROCESSING SYSTEM AND COMBUSTIBLE GAS PROCESSING METHOD***

as set forth in his United States Patent Application

executed concurrently herewith

executed February 8, 2010

Serial No. 12/670,058 Filed January 21, 2010

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof and all applications for Letters Patent which may hereafter be filed for said invention in any country or countries foreign to the United States, and all Letters Patent which may be granted for said invention in any country or countries foreign to the United States and all divisions, continuations, additions, extensions, renewals and reissues thereof and all rights of priority in any such country or countries based upon the filing of the said application for Letters Patent of the United States which are created by any law, treaty or international convention; to be held and enjoyed by said ASSIGNEE, their successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, their successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees that at any time upon request of said ASSIGNEE, their successors, legal representatives or assigns he will communicate to said ASSIGNEE, their successors, legal representatives or assigns all information known to them relating to said invention or patent application and that they will execute and deliver any papers, make all rightful oaths, testify in any legal

Attorney Docket No.:

proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, their successors, legal representatives or assigns to perfect title to said invention, to said application including divisions, continuations, reissues, extensions, additions and renewals thereof and to any and all Letters Patent which may be granted therefor or thereon, in said ASSIGNEE, their successors, or assigns or to assist said ASSIGNEE, their successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent for said invention;

Each of the undersigned hereby grants to the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

Names and Signatures of Inventors:

Signature: <u><i>Kenji Seki</i></u> Kenji SEKI	<u>February 8, 2010</u> <b>Date of this Assignment</b>
Signature: <u><i>Masataka Masuda</i></u> Masataka MASUDA	<u>February 8, 2010</u> <b>Date of this Assignment</b>
Signature: <u><i>Hirofumi Ohtsuka</i></u> Hirofumi OHTSUKA	<u>February 8, 2010</u> <b>Date of this Assignment</b>
Signature: <u><i>Etsuo Shito</i></u> Etsuo SHITO	<u>February 8, 2010</u> <b>Date of this Assignment</b>
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